

#2

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/919,703

DATE: 08/13/2001
TIME: 11:41:49

Input Set : A:\50216.003004.SEQLIST.TXT
Output Set: N:\CRF3\08132001\I919703.raw

ENTERED

4 <110> APPLICANT: Krystal, Gerald
5 Rabkin, Simon W.
7 <120> TITLE OF INVENTION: Peptides and Their Use to Ameliorate
8 Cell Death
10 <130> FILE REFERENCE: 50216/003004
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/919,703
C--> 12 <141> CURRENT FILING DATE: 2001-07-31
12 <150> PRIOR APPLICATION NUMBER: US 09/294,457
13 <151> PRIOR FILING DATE: 1999-04-19
15 <150> PRIOR APPLICATION NUMBER: US 08/759,599
16 <151> PRIOR FILING DATE: 1996-12-05
18 <150> PRIOR APPLICATION NUMBER: US 60/008,233
19 <151> PRIOR FILING DATE: 1995-12-06
21 <160> NUMBER OF SEQ ID NOS: 16
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 6
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence ✓
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Synthetic polypeptide ✓
33 <400> SEQUENCE: 1
34 Ser Val Asp Val Glu Tyr
35 1 5
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 6
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence ✓
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Synthetic polypeptide ✓
46 <400> SEQUENCE: 2
47 Tyr Val Asp Val Asp Thr
48 1 5
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 6
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence ✓
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Synthetic polypeptide ✓
59 <400> SEQUENCE: 3
60 Thr Val Asp Val Glu Tyr
61 1 5
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 11
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence ✓
69 <220> FEATURE:

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70 <223> OTHER INFORMATION: Synthetic polypeptide ✓
72 <400> SEQUENCE: 4
73 Tyr Val Asp Val Asp Thr Asn Glu Leu Leu Lys
74 1 5 10
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 16
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence ✓
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Synthetic polypeptide ✓
85 <400> SEQUENCE: 5
86 Ser Val Asp Val Glu Tyr Thr Val Gln Phe Thr Pro Leu Asn Pro Asp
87 1 5 10 15
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 20
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence ✓
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Synthetic polypeptide ✓
98 <400> SEQUENCE: 6
99 Ser Val Asp Val Glu Tyr Thr Gln Phe Thr Asp Phe Arg Gly Lys Leu
100 1 5 10 15
101 Thr Lys Leu Leu
102 20
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 21
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence ✓
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Synthetic polypeptide ✓
113 <400> SEQUENCE: 7
114 Ser Val Asp Val Glu Tyr Thr Val Gln Phe Thr Pro Leu Asn Pro Asp
115 1 5 10 15
116 Asp Asp Phe Arg Pro
117 20
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 20
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence ✓
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Synthetic polypeptide ✓
128 <400> SEQUENCE: 8
129 Tyr Val Asp Val Asp Thr Asn Glu Leu Leu Lys Ser Glu Gln Leu Leu
130 1 5 10 15
131 Thr Ala Ser Glu
132 20
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 20
137 <212> TYPE: PRT

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138 <213> ORGANISM: Artificial Sequence ✓
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Synthetic polypeptide ✓
143 <400> SEQUENCE: 9
144 Asn Phe Leu Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg
145 1 5 10 15
146 Thr Gly Asp Arg
147 20
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 20
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence ✓
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Synthetic polypeptide ✓
158 <400> SEQUENCE: 10
159 Arg Leu Ile Leu Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala
160 1 5 10 15
161 Lys Glu Ala Glu
162 20
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 20
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence ✓
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetic polypeptide ✓
173 <400> SEQUENCE: 11
174 Glu Val Thr Glu Glu Glu Glu Thr Val Pro Leu Lys Thr Leu Glu Ala
175 1 5 10 15
176 Met Ile Asp Glu
177 20
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 413
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence ✓
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic polypeptide ✓
188 <400> SEQUENCE: 12
189 Ile Ala Gly Pro Glu Trp Leu Leu Asp Arg Pro Ser Val Asn Asn Ser
190 1 5 10 15
191 Gln Leu Val Val Ser Val Ala Gly Thr Val Gly Thr Asn Gln Asp Ile
192 20 25 30
193 Ser Leu Lys Phe Phe Glu Ile Asp Leu Thr Ser Arg Pro Ala His Gly
194 35 40 45
195 Gly Lys Thr Glu Gln Gly Leu Ser Pro Lys Ser Lys Pro Phe Ala Thr
196 50 55 60
197 Asp Ser Gly Ala Met Ser His Lys Leu Glu Lys Ala Asp Leu Leu Lys
198 65 70 75 80
199 Ala Ile Gln Glu Gln Leu Ile Ala Asn Val His Ser Asn Asp Asp Tyr
200 85 90 95

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Input Set : A:\50216.003004.SEQLIST.TXT
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201 Phe Glu Val Ile Asp Phe Ala Ser Asp Ala Thr Ile Thr Asp Arg Asn
 202 100 105 110
 203 Gly Lys Val Tyr Phe Ala Asp Lys Asp Gly Ser Val Thr Leu Pro Thr
 204 115 120 125
 205 Gln Pro Val Gln Glu Phe Leu Leu Ser Gly His Val Arg Val Arg Pro
 206 130 135 140
 207 Tyr Lys Glu Lys Pro Ile Gln Asn Gln Ala Lys Ser Val Asp Val Glu
 208 145 150 155 160
 209 Tyr Thr Val Gln Phe Thr Pro Leu Asn Pro Asp Asp Asp Phe Arg Pro
 210 165 170 175
 211 Gly Leu Lys Leu Thr Lys Leu Leu Lys Thr Leu Ala Ile Gly Asp Thr
 212 180 185 190
 213 Ile Thr Ser Gln Glu Leu Leu Ala Gln Ala Gln Ser Ile Leu Asn Lys
 214 195 200 205
 215 Asn His Pro Gly Tyr Thr Ile Tyr Glu Arg Asp Ser Ser Ile Val Thr
 216 210 215 220
 217 His Asp Asn Asp Ile Phe Arg Thr Ile Leu Pro Met Asp Gln Glu Phe
 218 225 230 235 240
 219 Thr Tyr Arg Val Lys Asn Arg Glu Gln Ala Tyr Arg Ile Asn Lys Lys
 220 245 250 255
 221 Ser Gly Leu Asn Glu Glu Ile Asn Asn Thr Asp Leu Ile Ser Leu Glu
 222 260 265 270
 223 Tyr Lys Tyr Val Leu Lys Lys Gly Glu Lys Pro Tyr Asp Pro Phe Asp
 224 275 280 285
 225 Arg Ser His Leu Lys Leu Phe Thr Ile Lys Tyr Val Asp Val Asp Thr
 226 290 295 300
 227 Asn Glu Leu Leu Lys Ser Glu Gln Leu Leu Thr Ala Ser Glu Arg Asn
 228 305 310 315 320
 229 Leu Asp Phe Arg Asp Leu Tyr Asp Pro Arg Asp Lys Ala Lys Leu Leu
 230 325 330 335
 231 Tyr Asn Asn Leu Asp Ala Phe Gly Ile Met Asp Tyr Thr Leu Thr Gly
 232 340 345 350
 233 Lys Val Glu Asp Asn His Asp Asp Thr Asn Arg Ile Ile Thr Val Tyr
 234 355 360 365
 235 Met Gly Lys Arg Pro Glu Gly Glu Asn Ala Ser Tyr His Ala Tyr Asp
 236 370 375 380
 237 Lys Asp Arg Tyr Thr Glu Glu Glu Arg Glu Val Tyr Ser Tyr Leu Arg
 238 385 390 395 400
 239 Tyr Thr Gly Thr Pro Ile Pro Asp Asn Pro Asp Asp Lys
 240 405 410
 243 <210> SEQ ID NO: 13
 244 <211> LENGTH: 4
 245 <212> TYPE: PRT
 246 <213> ORGANISM: Artificial Sequence
 248 <220> FEATURE:
 249 <223> OTHER INFORMATION: Synthetic polypeptide
 251 <221> NAME/KEY: VARIANT
 252 <222> LOCATION: 1
 253 <223> OTHER INFORMATION: Xaa=Ser or Tyr

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Input Set : A:\50216.003004.SEQLIST.TXT
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255 <400> SEQUENCE: 13
W--> 256 Xaa Val Asp Val
257 1
260 <210> SEQ ID NO: 14
261 <211> LENGTH: 4
262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence ✓
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Synthetic polypeptide ✓
268 <221> NAME/KEY: VARIANT
269 <222> LOCATION: 4
270 <223> OTHER INFORMATION: Xaa=Glu or Asp
272 <400> SEQUENCE: 14
W--> 273 Val Asp Val Xaa
274 1
277 <210> SEQ ID NO: 15
278 <211> LENGTH: 5
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence ✓
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Synthetic polypeptide ✓
285 <221> NAME/KEY: VARIANT
286 <222> LOCATION: 1
287 <223> OTHER INFORMATION: Xaa=Ser or Tyr
289 <221> NAME/KEY: VARIANT
290 <222> LOCATION: 5
291 <223> OTHER INFORMATION: Xaa=Glu or Asp
293 <400> SEQUENCE: 15
W--> 294 Xaa Val Asp Val Xaa
295 1 5
298 <210> SEQ ID NO: 16
299 <211> LENGTH: 5
300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial Sequence ✓
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Synthetic polypeptide ✓
306 <221> NAME/KEY: VARIANT
307 <222> LOCATION: 4
308 <223> OTHER INFORMATION: Xaa=Glu or Asp
310 <221> NAME/KEY: VARIANT
311 <222> LOCATION: 5
312 <223> OTHER INFORMATION: Xaa=Tyr or Thr
314 <400> SEQUENCE: 16
W--> 315 Val Asp Val Xaa Xaa
316 1 5

VERIFICATION SUMMARY

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Input Set : A:\50216.003004.SEQLIST.TXT
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16